

**REMARKS****I. STATUS OF THE CLAIMS**

Claims 1-108 are pending in the application, of which claims 1 and 55 are independent claims, presently under examination.

Claim 31 was objected to for improper claim dependency, particularly an antecedent basis issue.

Claim 31 has been currently amended herein. It is believed that the amendments do not involve the addition of any new matter. Support is found throughout the application, for example see claims no. 41.

The application has been indicated by the Examiner as in condition for allowance except for formal matters.

**II. CLAIM 31 HAS BEEN AMENDED TO OVERCOME THE OBJECTION**

Claim 31 was objected due to the following pointed out by the Examiner:

**Specification**

The disclosure is objected to because of the following informalities:

I. Objection to dependent claim 31, which has an improper claim dependency. The dependent claim to the system in claim 31 further limits the third transducer and the fourth transducer of which is not found in claim 4, thereby introducing an antecedent problem for claim 31, wherein claim 41 cites the first, second, third and fourth transducers. It is not clear as the claim dependency for the further limiting for the third and fourth transducers. Corrections are required.

(See Office Action, para. 4, page 2)

**Quayle Action**

6. This application is in condition for allowance except for the following formal matters:

I. Correction to dependent claim 31, to correct the antecedent problem for claim 31 which further limits the third transducer and the fourth transducer of which is not found in claim 4 or the chain of independent claims.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, and (Comm'r Pat. 1935). A shortened statutory period for reply to this action is set to expire TWO MONTHS from the mailing date of this action.

(See Office Action, para 6, page 3)

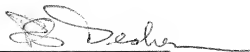
Claim 31 has been amended according to the Examiner's recommendation, as noted above.

### **III. CONCLUSION**

For the foregoing reasons, Applicants respectfully submit that pending claims 1-108 are in condition for allowance, and a notice for allowance is solicited. Should questions arise during examination, the Examiner is welcome to contact the Applicants' attorney at the telephone listed below.

Please charge any excess fees due and credit any overpayment to Charge Account No. 50-0423.

Respectfully submitted,



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